



Dart Aerospace Ltd.
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C3

Job Sheet 202221



Part No: C3

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity

Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/22/19

Job Tracking No:

Due Date: 11/25/19

Created By: Jennifer Renwick

Type: Stock

Description: SIOP

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
95	External Load - Issue SN	1 pcs	11/25/19		0.00	0.07	External Load - 1		AP 10-25-19
							External Load - 2		
							External Load - 3		
100	External Load - 2 - B4B	1 pcs	11/25/19		0.00	1.00	External Load - 1 - B4B		AP 2019/11/25 Michele
							External Load - 2 - B4B		
							External Load - 3 - B4B		
110	QC 5	1 pcs	11/25/19		0.00	0.00	QC 5 - 10		DAS 30 9-89 NOV 25 2019
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
130	Packaging 3-2 - Stock - B4B	1 pcs	11/25/19		0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		

Plex 10/22/19 1:32 PM Dart.

				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	DAS 30 9.89
				Packaging 3 - 9 - B4B	NOV 25 2019
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
135	DC - 1 - B4B	1 pcs	11/25/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
140	QC 21 - FG	1 pcs	11/25/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

Part Op 95 - (Small Fab) 1-Issu S/N
Descriptions: 100 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS PER DWG
110 - QC5- Inspect part completeness to step on W/O)
130 - Identify as per dwg & Stock Location (P.A.) Identify and Stock
135 - (Document Control)- Photocopy blue file OM & O&OPM-C3 Rev L.
140 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - Issue SN	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	5126589
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5058764
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5120365
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5118667
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5222097-1

C2-10-1P	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	S157429-3
C2-11-2	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	S209068
C2-3-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	S226897
C2-3-10	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	S029231
C2-3-11	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	S061528
C2-3-2	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	S189923
C2-3-2-1	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	S180410
C2-3-3	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	S174393
C2-3-3-1	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	S173563
C2-3-5	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	S222866
C2-3-6	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	S116487
C2-3-8	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	S120798
C2-5-1	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	S199313
C3-10-2	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	S230390
C3-11-1	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	S196195
C3-12-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	S216722
C3-12-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	S197483
C3-12-3	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	S182333
C3-12-4	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	S193685
C3-12-5	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	S080193
C3-12-6	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	S142603
C3-13-1P	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	S100620
C3-13-4P	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	S188182
C3-13-5	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	S157956 (S20629) 7
C3-2-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	S029270
C3-3-4	KEEPER	1 pcs (1 ea)	100-External Load - 2 - B4B	S029271
C3-3-4-1	Spring, Keeper	1 pcs (1 ea)	100-External Load - 2 - B4B	S146022
C3-3-7	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	S175253
C3-3-8	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	S218778
C3-3-9	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	S199546
C3-4-1	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	S048390
C3-4-4A	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	S128685
C3-7-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	S192917
C3-7-2	C3 Load Beam Assy	1 pcs (1 ea)	100-External Load - 2 - B4B	S179604
C3-8-2	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	S186739
C3-8-4	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	S214422
C3-8-5	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	S210064
C3-9-1P	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	S180680
C3-9-2	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	S153419
EL-PLUG-M	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	S029289
M27500-16TG2T14	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	S089524
MS21044N4	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	S223319
MS21083N3	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	S075144
MS21083N6	Nut, Self-Locking	4 Ea (4 ea)	100-External Load - 2 - B4B	S225328-1
MS35266-63	Nut	2 Ea (2 ea)	100-External Load - 2 - B4B	S142051
MS35266-63	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	S192157-1
NAS1149F0332P	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	S183289
NAS1149F0363P	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	S075144
NAS1149F0463P	Washer (AN960-10L)	2 Ea (2 ea)	100-External Load - 2 - B4B	S207703-1
NAS1149F0632P	Washer (AN960-10)	1 Ea (1 ea)	100-External Load - 2 - B4B	S075330-3
	Washer (AN960-416)	8 Ea (8 ea)	100-External Load - 2 - B4B	S201001-1
	Washer (AN960-616L)	2 Ea (2 ea)	100-External Load - 2 - B4B	S137711

Lectile 242 (S186572)

Lectile 620 (S194792)

Def. T-oz (M138973)

Aeroshell grease NO. 7 (M138724)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
95-External Load - Issue SN	188-FPSS-1032-1/4	2	77	0
100-External Load - 2 - B4B	188-FSCS-832-5/8	4	204	0
	2595K22	1	25	0
	32446	2	594	0
	8183K6	1	22	0
	AN4-16A	3	465	0
	AN4-17A	1	275	0
	AN6-15A	1	21	0
	C2-1-1	1	9	0
	C2-10-1	1	65	0
	C2-11-2	2	38	0
	C2-3-1	2	56	0
	C2-3-10	1	11	0
	C2-3-11	1	19	0
	C2-3-2	1	22	0
	C2-3-2-1	2	112	0
	C2-3-3	1	43	0
	C2-3-3-1	1	22	0
	C2-3-5	2	93	0
	C2-3-6	1	3	0
	C2-3-8	2	41	0
	C2-5-1	1	23	0
	C3-10-2	1	22	0
	C3-11-1	1	11	0
	C3-12-1	2	34	0
	C3-12-2	1	17	0
	C3-12-3	1	21	0
	C3-12-4	1	28	0
	C3-12-5	1	30	0
	C3-12-6	2	92	0
	C3-13-1	2	60	0
	C3-13-4	1	25	0
	C3-13-5	1	26	0
	C3-2-1	1	12	0
	C3-3-4	2	30	0
	C3-3-4-1	4	267	0
	C3-3-7	1	12	0
	C3-3-9	1	26	0
	C3-4-1	2	33	0
	C3-4-4A	1	6	0
	C3-7-1	1	33	0
	C3-7-2	2	52	0
	C3-8-2	1	17	0
	C3-8-4	1	48	0
	C3-8-5	1	21	0
	C3-9-1	1	12	0
	C3-9-2	1	30	0
	EL-PLUG-M	1	24	0
	M27500-16TG2T14	1	28	0
	MS21044N4	4	42	0
	MS21083N3	2	100	0
	MS21083N6	1	50	0
	MS35266-63	2	18	0
	NAS1149F0332P	2	2,544	0
	NAS1149F0363P	1	292	0
	NAS1149F0463P	8	418	0
	NAS1149F0632P	2	324	0

Part Specifications

Specifications could not be found.



Remote Cargo Hook Test Form
C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!
NEW SOLENOID (152951-001)

Work Order 202221 Customer _____
Serial Number 5226599 Date 2019-11-25

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	<u>Pass</u>
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	<u>Pass</u>
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>10.1</u> A	<u>Pass</u>
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>10.0</u> A	<u>Pass</u>
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.8</u> A	<u>Pass</u>
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.8</u> A	<u>Pass</u>
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.7</u> A	<u>Pass</u>
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	<u>8.7</u> A	<u>Pass</u>
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	<u>12.2</u> A	<u>Pass</u>
1	3,000	Manual		N/A	<u>Pass</u>
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	<u>Pass</u>
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	<u>1.8</u> Ω	<u>Pass</u>
1	N/A	Electircal Continuity	Across both wires	N/A	<u>Pass</u>

Test Conducted By: Michel Lalonde
Technician

Submit

Signature: Sylvie Pouchon
QC/5 Small FAB / QA